

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Atlas Minerals
MINE NAME: Radium King
LOCATION: Red Canyon
COUNTY: San Juan
DATE: December 28, 1982

ACI 1037/007

Operation	Amount	Rate	Cost
CLEAN-UP			
1. Removal of structures & equipment.	6,342 ft ²	\$1.50/ft ²	\$9,513
2. Removal of trash & debris.	27.3 acres	\$100/acre	\$2,730
3. Leveling of ancillary facilities pads and access roads.	2.4 acres	\$1000/acre	\$2,400
REGRADING & RECONTOURING			
1. Earthwork including haulage and grading of spoils, waste and overburden.	24.9 acres	\$1,000/acre	\$24,900
2. Recontouring of highwalls and excavations.	N/A	N/A	N/A
3. Spreading of soil or surficial materials.	40 hrs	¹⁰⁰ \$60/hr	4000 \$2,400 done \$100
STABILIZATION			
1. Soil preparation, scarification, fertilization, etc.	----- Included in regrading -----		
2. Seeding or planting.	27.3 acres	\$125/acre	\$3,412
3. Construction of terraces, waterbars, etc.	----- Included in regrading -----		
LABOR			
1. Supervision.	40 hrs	\$15/hr	\$600
2. Labor exclusive of bulldozer time.}			
SAFETY 2 portals East Channel	4 portal	³⁰⁰⁰ \$1000/portal	^{12,000} \$4,000
1. Erection of fences, portal coverings; etc.	N/A	N/A	N/A
2. Removal or neutralization of explosive or hazardous materials.	N/A	N/A	N/A
MONITORING			
1. Continuing or periodic monitoring, sampling & testing deemed necessary.	¹²⁰ 80 hrs	\$15/hr	¹⁸⁰⁰ \$1,200
OTHER			
1. Contingency costs	\$47,195	10%	\$4,719
Total	N/A	N/A	\$81,870

~~58,990~~ 67,490

58,990